

# The Mousetrap Vehicle

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# Propulsion

- Mousetrap
- Triggered by dropped pencil
- Rotates wheels by attached fishing line

# Materials

- Wheels and Axils\*
- Mousetrap 6cm X 12cm\*
- Base 100cm X 35cm X 0-0cm\*

# Wheels And Axils

- K-NEX Large Gears
- Large rubber bands on outside of wheels
- Axils are red K-NEX



# Mousetrap

- Max 6.0cm X 12.0cm
- No modifications besides up to 4 holes to connect it to its base
- May have an extension bar to hold string to snap portion.

# Base

- Made from K-NEX
- Area for a mousetrap to be mounted
- Area for axils to be slotted in
- Must have a paperclip as a measurement point

# Stopping/Speed Control

- Rubber bands on wheels for traction
- Weight for friction